

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings of claims in the application:

**Listing of Claims:**

1. (Canceled)

2. (Currently amended) The method according to claim 18, wherein the LK68 encoding molecule comprises a nucleotide sequence ~~represented by~~ set forth in SEQ ID NO:1.

3-6. (Canceled)

7. (Previously presented) The method according to claim 18, wherein the nucleic acid construct is selected from pSecTag-LK68, pLXSN-LK68, rAAV-LK68, pAAV-LK68, pSecTag-LK8, pLXSN-LK8, rAAV-LK8 and pAAV-LK8.

8. (Currently amended) The method according to claim 18, wherein the LK8 encoding molecule comprises a nucleotide sequence ~~represented by~~ set forth in SEQ ID NO:2.

9-12. (Canceled)

13. (Currently amended) The method according to claim 18, wherein amount of the plasmid is present in injected into the subject is an amount of 0.05 ~ 500 mg.

14. (Currently amended) The method according to claim 18, wherein amount of the adeno-associated virus or adenovirus is present in injected into the subject is an amount of  $10^3$  -  $10^{12}$  IU.

15. (Canceled)

16. (Previously presented) The method according to claim 18, wherein the solid tumor is selected from colon carcinoma, liver cancer, lung cancer, breast cancer, brain tumor, prostatic carcinoma, skin cancer, stomach cancer, pancreas cancer, lymphoma, kidney cancer, ovarian cancer and metastatic tumor.

17. (Previously presented) The method according to claim 16, wherein the solid tumor is selected from colon carcinoma, liver cancer, lymphoma and metastatic tumor.

18. (Currently amended) A method for treating solid tumor in a subject, comprising directly injecting injecting to a site of tumor in the subject or intramuscularly injecting to the subject a nucleic acid construct selected from the group consisting of a plasmid, adeno-associated virus and adenovirus, each harboring a nucleic acid molecule encoding human apolipoprotein(a) kringle KIV9-KIV10-KV (LK68) or KV (LK8).

19. (Previously presented) The method according to claim 18, wherein the treatment of a solid tumor in the subject is accomplished by inhibition of growth and metastasis of the solid tumor.

20-23. (Canceled)

24. (Previously presented) The method according to claim 18, wherein the nucleic acid construct is adenovirus harboring a nucleic acid molecule encoding human apolipoprotein(a) kringle KIV9-KIV10-KV (LK68) or KV (LK8).

25. (Previously presented) The method according to claim 18, wherein the nucleic acid construct is adeno-associated virus harboring a nucleic acid molecule encoding human apolipoprotein(a) kringle KIV9-KIV10-KV (LK68) or KV (LK8).